

**DOCKET NO.: RUCC-0025 (98-0068)**  
**Application No.: 09/763,330**  
**Office Action Dated: July 1, 2003**

**PATENT**  
**REPLY FILED UNDER EXPEDITED**  
**PROCEDURE PURSUANT TO**  
**37 CFR § 1.116**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Currently amended) A ~~salt tolerant~~ transgenic turfgrass cell comprising a transgene encoding a betaine aldehyde dehydrogenase from *Atriplex hortensis*, wherein the cell exhibits increased salt tolerance as compared with an equivalent cell that does not comprise the transgene glycine betaine biosynthetic enzyme.

2-5. Canceled

6. (Previously presented) The transgenic cell of claim 1, which is selected from the group consisting of Creeping Bentgrass, Perennial Ryegrass, Kentucky Bluegrass and Bermudagrass.

7. Canceled

8. (Currently amended) The transgenic cell of claim 1, which grows significantly faster than ~~equivalent untransformed cells on a 0.8% NaCl medium than do equivalent cells that do not comprise the transgene.~~

9. (Currently amended) A ~~salt tolerant~~ transgenic plant produced from the transgenic cell of claim 1, wherein the cell exhibits increased salt tolerance as compared with an equivalent plant that does not comprise the transgene.

10. (Currently amended) A transgenic seed produced from the transgenic plant of claim 9, wherein the seed comprises the transgene encoding the betaine aldehyde dehydrogenase.

11. Canceled

12. (Currently amended) The transgenic plant of claim 1, which grows significantly faster than the equivalent untransformed plant under 1.2% NaCl stress than does an equivalent plant that does not comprise the transgene.

13. (Currently amended) The transgenic plant of claim 1, which exhibits increased drought tolerance as compared with an equivalent plant that does not comprise the transgene is also drought tolerant.

14. (Currently amended) A salt-tolerant transgenic turfgrass plant comprising which expresses a transgene encoding a betaine aldehyde dehydrogenase enzyme from *Atriplex hortensis*, wherein the transgenic turfgrass plant exhibits increased salt tolerance as compared with an equivalent plant that does not comprise the transgene.

15-18. Canceled

19. (Previously presented) The transgenic plant of claim 14, which is selected from the group consisting of Creeping Bentgrass, Perennial Ryegrass, Kentucky Bluegrass and Bermudagrass.

20. (Currently amended) The transgenic plant of claim 14, which grows significantly faster  
~~than the equivalent untransformed plant~~ under 1.2% NaCl stress than does an equivalent plant  
that does not comprise the transgene.

21. (Currently amended) The transgenic plant of claim 14, which also exhibits increased  
drought tolerance as compared with an equivalent plant that does not comprise the transgene  
~~is also drought tolerant.~~

22. (Currently amended) A ~~transgenic~~ seed produced from the transgenic plant of claim 14,  
which comprises the transgene encoding the betaine aldehyde dehydrogenase.

23 - 24. Canceled

25. (Previously presented) The transgenic plant of claim 21, which is selected from the  
group consisting of Creeping Bentgrass, Perennial Ryegrass, Kentucky Bluegrass and  
Bermudagrass.